



Sheet _____ of _____

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
107412APPLICATION NO.
09/694,988

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Hideo FUNAYAMA et al.FILING DATE
10/25/2000GROUP
2832

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
RB		1,819,683	8/18/1931	K. LARSSON	—	—
RB		4,427,957	1/24/1984	SATO	335	19
RB		4,625,191	11/25/1986	OBERNDORFER et al.	335	78
RB		4,616,201	10/7/1986	NAGAMOTO	335	129
RB		4,816,794	3/28/1989	NAGAO et al.	335	136

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
RB		DE 12 03 390 B	10/21/1965	Germany	—	—
RB		GB 576,623	11/08/1943	Great Britain	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

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DATE CONSIDERED

1/31/04

Examiner:

Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: June 10, 2003

Sheet 1 of 1Form PTO-1449
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INFORMATION DISCLOSURE STATEMENT

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APPLICANT(S)
Hideo FUNAYAMA et al.FILING DATE
October 25, 2000GROUP
2832

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
RB	1	4,523,165	06/1985	SCHEDELE	335	106

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
RB	2	JP-A-6-260070 w/ Eng. lang. Abstract and translation	09/1994	JAPAN	—	—
RB	3	DE 195 46 763 A1 w/ Eng. lang. Abstract	06/1997	GERMAN	—	—
RB	4	EP 0 858 151 A1	08/1998	EUROPE	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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1/31/04

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Date: May 7, 2003